

TABLE A-IV/2 ANNEX
EQUIPMENT OPERATION COMPETENCIES
VHF DSC OPERATION

COMPETENCE	LEARNING OBJECTIVE	METHODS FOR DEMONSTRATING COMPETENCE	CRITERIA FOR EVALUATING COMPETENCE
POWER UP UNIT	3.4.2	<ul style="list-style-type: none"> • USE APPROVED EQUIPMENT, OR • USE GMDSS SIMULATOR 	<ul style="list-style-type: none"> • UNIT IS ON AND READY FOR PROGRAMMING
ADJUST VOLUME AND SQUELCH CONTROLS FOR PROPER OPERATION	3.4.2	<ul style="list-style-type: none"> • USE APPROVED EQUIPMENT, OR • USE GMDSS SIMULATOR 	<ul style="list-style-type: none"> • DEMONSTRATE ABILITY TO PROPERLY ADJUST SQUELCH
SET UNIT TO A CHANNEL DESIGNATED BY THE EVALUATOR	3.4.2 3.4.1	<ul style="list-style-type: none"> • USE APPROVED EQUIPMENT, OR • USE GMDSS SIMULATOR 	<ul style="list-style-type: none"> • SET VHF TO A CHANNEL AS DIRECTED
SET HIGH AND LOW POWER	3.4.2	<ul style="list-style-type: none"> • USE APPROVED EQUIPMENT, OR • USE GMDSS SIMULATOR • ORAL OR WRITTEN EXAM QUESTIONS ON PROPER USE OF POWER SETTING 	<ul style="list-style-type: none"> • DEMONSTRATE ABILITY TO SET UNIT TO HIGH OR LOW POWER • DESCRIBE CONDITIONS AND CIRCUMSTANCES WHEN LOW POWER SHOULD BE USED
IF SO EQUIPPED, SET UNIT TO RECEIVE LOCAL WEATHER INFORMATION	3.4.2 3.4.1	<ul style="list-style-type: none"> • USE APPROVED EQUIPMENT, OR • USE GMDSS SIMULATOR 	<ul style="list-style-type: none"> • DEMONSTRATE ABILITY TO SET VHF TO RECEIVE WEATHER CHANNEL • DEMONSTRATE ABILITY TO SELECT PROPER WEATHER CHANNEL FOR LOCAL AREA
CONFIRM IF POSITION INPUT IS AVAILABLE AND CORRECT	3.4.2	<ul style="list-style-type: none"> • USE APPROVED EQUIPMENT, OR • USE GMDSS SIMULATOR 	<ul style="list-style-type: none"> • DEMONSTRATE ABILITY TO CONFIRM THAT UNIT IS FITTED WITH POSITION DATA INPUT (MANUAL/AUTO)

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VHF DSC OPERATION

TRANSMIT A VOICE CALL	3.1.2 3.1.3 3.4.2 5.2.1 5.2.2 5.2.3 6.2.2	<ul style="list-style-type: none"> • USE APPROVED EQUIPMENT, OR • USE GMDSS SIMULATOR 	<ul style="list-style-type: none"> • DEMONSTRATE ABILITY TO TRANSMIT VOICE CALL USING CORRECT POWER AND CHANNEL AS APPROPRIATE TO THE MESSAGE PROVIDED BY INSTRUCTOR • MAKES APPROPRIATE LOG ENTRY
UNDERSTANDS USE AND LIMITATIONS OF MMSI	3.1.3 3.1.3 3.4.2 5.1.1	<ul style="list-style-type: none"> • USE APPROVED EQUIPMENT, OR • USE GMDSS SIMULATOR • WRITTEN OR ORAL QUESTION ON CHANGING MMSI 	<ul style="list-style-type: none"> • DEMONSTRATE ABILITY TO CHECK THAT PROPER USER MMSI IS INSTALLED • DESCRIBES TO EXAMINER THE LIMITS ON TYPES OF MMSI THAT CAN BE INCLUDED
ABILITY TO PROGRAM MMSI DIRECTORY	3.1.3 3.4.2	<ul style="list-style-type: none"> • USE APPROVED EQUIPMENT, OR • USE GMDSS SIMULATOR 	<ul style="list-style-type: none"> • PROGRAM A NINE DIGIT MMSI AND STATION NAME IN UNIT DIRECTORY
TRANSMIT A DSC CALL	3.4.2 5.2.1 6.2.2	<ul style="list-style-type: none"> • USE APPROVED EQUIPMENT, OR • USE GMDSS SIMULATOR 	<ul style="list-style-type: none"> • TRANSMIT A DSC CALL TO ANOTHER UNIT DESIGNATED BY THE EXAMINER WITH ANSWER ON AN APPROPRIATE CHANNEL • MAKES APPROPRIATE LOG ENTRY
TRANSMIT A DSC DISTRESS ALERT	3.4.2 5.2.1 6.2.2	<ul style="list-style-type: none"> • USE APPROVED EQUIPMENT, OR • GMDSS SIMULATOR 	<ul style="list-style-type: none"> • USING A <u>DUMMY LOAD</u> OR A SIMULATOR ACTIVATE A DSC DISTRESS ALERT INCLUDING POSITION
TRANSMIT A DISTRESS MESSAGE	3.4.2 5.2.1	<ul style="list-style-type: none"> • USE APPROVED EQUIPMENT, OR • GMDSS SIMULATOR 	<ul style="list-style-type: none"> • USING A <u>DUMMY LOAD</u> OR SIMULATOR COMPOSE AND TRANSMIT A DISTRESS MESSAGE APPROPRIATE TO THE DSC DISTRESS ALERT REQUIRED ABOVE
PROPER RESPONSE WHEN A DISTRESS CALL IS RECEIVED	3.4.2 5.2.1 5.2.2 5.2.3 6.2.2	<ul style="list-style-type: none"> • USE APPROVED EQUIPMENT, OR • USE GMDSS SIMULATOR 	<ul style="list-style-type: none"> • DEMONSTRATE TO EXAMINER THE PROPER PROCEDURE FOR RESPONDING TO A DISTRESS CALL ON VHF

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TRANSMIT AN ALL SHIPS CALL (NON DISTRESS)	3.4.2 6.2.2	<ul style="list-style-type: none"> • USE APPROVED EQUIPMENT, OR • USE GMDSS SIMULATOR 	<ul style="list-style-type: none"> • TRANSMIT A NON DISTRESS ALL SHIP CALL USING THE PROPER PROTOCOL, POWER AND CHANNEL • MAKE PROPER LOG ENTRY
UNDERSTANDING OF DATA DIRECTORY	3.4.2 5.1.1 5.1.2 5.2.1	<ul style="list-style-type: none"> • USE APPROVED EQUIPMENT, OR • USE GMDSS SIMULATOR 	<ul style="list-style-type: none"> • DEMONSTRATE ABILITY TO ACCESS THE DATA DIRECTORY
ACTION TO CORRECT FALSE ALERT	5.4.2	<ul style="list-style-type: none"> • USE APPROVED EQUIPMENT, OR • USE GMDSS SIMULATOR • ORAL OR ESSAY QUESTION DEMONSTRATING AWARENESS OF FALSE ALERT PROCEDURES 	<ul style="list-style-type: none"> • DESCRIBE ACTIONS TO BE TAKEN TO MINIMIZE THE EFFECTS IF A FALSE DISTRESS ALERT IS TRANSMITTED
ABILITY TO SECURE UNIT	3.4.2	<ul style="list-style-type: none"> • USE APPROVED EQUIPMENT, OR • USE GMDSS SIMULATOR 	<ul style="list-style-type: none"> • DEMONSTRATE ABILITY TO SECURE POWER TO UNIT INCLUDING DELAY TIMES OR SEQUENCES REQUIRED
ABILITY TO INITIATE AND PROPERLY ACT ON RESULTS OF SELF TEST	3.4.2 3.5.1	<ul style="list-style-type: none"> • USE APPROVED EQUIPMENT, OR • USE GMDSS SIMULATOR 	<ul style="list-style-type: none"> • INITIALIZE SELF TEST PROGRAM • ANALYZE RESULTS • TAKE APPROPRIATE ACTION SUCH AS REPORTING TO MASTER • PRINT OUT OR RECORD TEST REPORT RESULTS
KNOWLEDGE OF UNIT RANGE	1.1.1 2.1.1 2.1.3 2.1.4 3.4.2 3.4.5	<ul style="list-style-type: none"> • ORAL EXAM OR WRITTEN ESSAY ON SUBJECT AREA 	<ul style="list-style-type: none"> • IS ABLE TO DESCRIBE TO EXAMINER THE NORMAL OPERATING RANGE OF VHF UNIT AND CIRCUMSTANCES WHICH INCREASE OR DECREASE RANGE